

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of \* Group Art Unit 3738  
 PICKFORD, Martin Edward Lee et al \* Examiner: Barrett, T. C.  
 Serial No.: 10/501,538 \*  
 Filing Date: 07/16/2004 \*  
 Title: METAL IMPLANTS

AMENDMENT

Mail Stop: RCE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450  
 Sir:

In response to the Advisory Office Action dated August 18, 2006, please amend as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

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Inventor: PICKFORD, ET AL  
 Serial No.: 10/501,538  
 Filing Date: 7/16/2004  
 Examiner: Thomas C. Barrett  
 Group Art Unit: 3738

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-19 (cancelled)

20. (New) An implant for use in a surgical procedure, said implant comprising a metal substrate and a surface layer integral with said metal substrate, said surface layer comprising an anodized layer grown from the metal of said metal substrate by anodizing, said surface layer incorporating a biocidal metal in an ionic form, the biocidal metal ions being adsorbed into said surface layer by ion exchange.

21. (New) An implant as claimed in claim 20 wherein said surface layer comprises a metal phosphate.

22. (New) An implant as claimed in claim 20 wherein said biocidal metal ions are silver ions.

23. (New) An implant as claimed in claim 20 wherein the surface of said implant is in a highly polished condition before provision of said surface layer.

24. (New) An implant as claimed in claim 21 wherein said biocidal metal ions are silver ions.

25. (New) An implant as claimed in claim 21 wherein the surface of said implant is in a highly polished condition before

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